

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A [D]disposable module [(31)] for purifying a fluid, in particular water, adapted to form part of a fluid purification system and comprising a fluid purification means [(25,28)], a housing [(35)] in which the purification means are housed, and a means for removably connecting the purification module [(31)] to the purification system to establish fluid communication between the purification system and the purification module [(31), characterized in that] the housing [(35)] contains from the outset a cleaning agent [(36)] disposed to come into contact with the fluid caused to circulate inside the housing [(35)] to clean at least a portion of the purification system.
2. (Currently Amended) The [M]module according to claim 1, [characterized] wherein [that] the housing may not be demounted.
3. (Currently Amended) The [M]module according to claim 1 [or claim 2, characterized in that] wherein the cleaning agent is disposed at a location selected from the group consisting of between an inlet for fluid to be treated formed in the housing and the purification means or between the [latter]purification means and a purified fluid outlet formed in the housing.
4. (Currently Amended) The [M]module according to [any of claims 1 to 3, characterized in that]claim 1 wherein the cleaning agent is housed in a space [created for this purpose]in the housing[; in particular a recess in a raised portion of the housing].
5. (Currently Amended) The [M]module according to [any of claims 1 to 3, characterized in that]claim 1 wherein the cleaning agent is housed in a space delimited by a retaining means for the cleaning agent[preferably taking the form of a cage, in particular an added cage].
6. (Currently Amended) The mModule according to [any of claims 1 to 5, characterized in that] claim 1 wherein the housing contains a tangential filtration purification means, selected from tehgroup consisting of [in particular purification means employing] reverse osmosis, nanofiltration, ultrafiltration or microfiltration.
7. (Currently Amended) The [M]module according to [any of claims 1 to 6, characterized in that] claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means[; where applicable tangential filtration purification processing means;] and the cleaning agent is disposed at a location selected from the group consisting of

between the pretreatment means and the purification treatment means or between the ~~[latter]~~purification treatment means and a purified fluid outlet formed in the housing.

8. (Currently Amended) The [M]module according to ~~[claim 7, characterized in that]~~claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means, the pretreatment means ~~[are]~~ is selected from the group comprising ion exchanger activated supports, ~~[or]~~ ion exchanger activated resins, activated charcoal, chlorine reduction agents, ~~[in particular alloys such as copper-zinc formulations,]~~ front filtration members, tartar formation reduction agents~~[, in particular polyphosphates,]~~ and combinations of the above.
9. (Currently Amended) The [M]module according to ~~[any of claims 1 to 8, characterized in that]~~claim 1 wherein the cleaning agent comprises a chemical compound or an association of chemical compounds for destroying a biofilm and/or having a bactericidal effect and/or for eliminating organic and/or mineral soiling.
10. (Currently Amended) The [M]module according to ~~[any of claims 1 to 9, characterized in that]~~claim 1 wherein the cleaning agent ~~[takes the]~~ is in a form selected from the group consisting of [a] powder, crystals, granules, [a] tablets, [possibly coating or where applicable constituting the content of] capsules, or sachets ~~[dissolving or splitting in contact with the fluid, or in the form of a liquid constituting the content of an enclosure that splits in contact with the fluid.~~
11. (Currently Amended) The [M]module according to ~~[any of claims 1 to 10, characterized in that]~~claim 1 wherein the cleaning agent is selected from the group consisting of a chlorinated product, an organochlorinated product, an oxidizing product, an acid, a base or a disinfectant solution.
12. (Currently Amended) The [M]module according to claim 1 ~~[1, characterized in that]~~wherein the cleaning agent is selected from the group consisting of bleach, a chloramine, hypochloric acid, hypochlorous acid, citric acid, tartaric acid, acetic acid, perchloric acid, ~~[or]~~ peracetic acid~~[, and a]~~ salts thereof~~[, one of the above acids]~~, sodium hydroxide, potassium hydroxide, potassium permanganate, potassium dichromate~~[, or a disinfectant solution containing]~~ a solution of hydrogen peroxide and peracetic acid, or organic complexes containing silver salts.
13. (Currently Amended) The [M]module according to ~~[any of claims 1 to 12, characterized in that]~~claim 1 wherein the housing includes a means for identification of the module by the fluid purification system.
14. (Currently Amended) A [S]system for purifying a fluid comprising at least one fluid purification module as defined in ~~[any of]~~ claim[s] 1 ~~[to 13].~~

15. (Currently Amended) A ~~[M]~~method of fabricating a disposable fluid purification module according to ~~[any of claims 1 to 13]~~claim 1, ~~[including]~~ comprising the mounting of purification means in a housing, ~~[characterized in that it further includes]~~ placing a cleaning agent inside the housing ~~[before]~~ and closing ~~[it]~~the housing.
16. (Currently Amended) A ~~[M]~~method of cleaning at least a portion of a fluid purification system[, ~~characterized in that it includes]~~ comprising the steps of connecting a disposable fluid purification module ~~[as defined in any of claim[s] 1 [to 13]]~~ to a[the] fluid purification system and then starting a system cleaning procedure[, ~~where applicable starting said cleaning procedure automatically following identification of the module by the system by means of the identification means.~~
17. (New) The module of claim 1 wherein the cleaning agent is housed in a recess in a raised portion of the housing.
18. (New) The module according to claim 1 wherein the cleaning agent is housed in a space delimited by a cage for the cleaning agent.
19. (New) The module according to claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means, a tangential filtration purification processing means and the cleaning agent is disposed at a location selected from the group consisting of between the pretreatment means and the purification treatment means or between the tangential filtration purification processing means and a purified fluid outlet formed in the housing.
- ~~19-20.~~ (New) A method of cleaning at least a portion of a fluid purification system comprising providing a fluid purification system, connecting a disposable fluid purification module to the fluid purification system, the module comprising a fluid purification means,, a housing in which the purification means are housed, and a means for removably connecting the purification module to the purification system to establish fluid communication between the purification system and the purification module, the housing contains a cleaning agent disposed to come into contact with the fluid caused to circulate inside the housing to clean at least a portion of the purification system, the housing further contains a means for identification of the module, the fluid purification system contains a means for reading the means for identification of the module and starting a system cleaning procedure for the fluid purification system following identification of the module by the fluid purification system.